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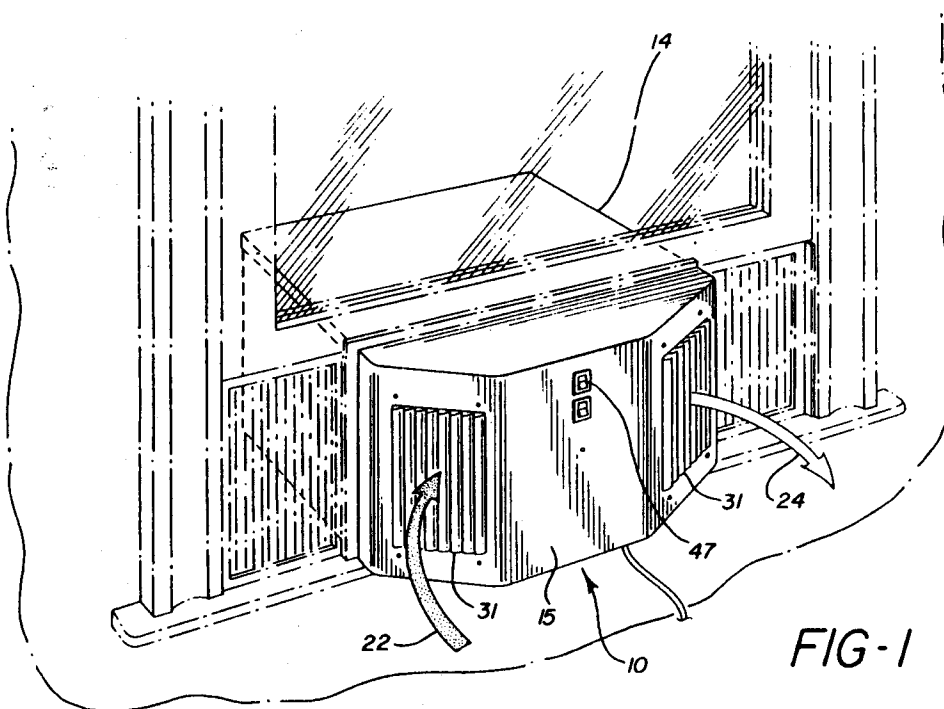
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(54) **Heat recovery ventilator.**

(57) A heat recovery ventilator (10) having a rotary wheel heat exchanger (21) includes a unique drive configuration for driving both the rotary wheel heat exchanger (12) and impellers (26,28). A random ma-

trix media is used to provide high thermal efficiency in exchanging heat and moisture between inlet and exhaust air streams (22,24).

**FIG-1****EP 0 507 107 A3**



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-4 513 809 (SCHNEIDER ET AL.) * column 5, line 51 - column 6, line 13; figures 2-4 *	1	F24F3/147
A	US-A-2 566 366 (PENNINGTON)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F24F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 NOVEMBER 1992	Examiner PESCHEL G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			